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Key word index

Acetylcholine
σ Receptors; Ileum (guinea-pig); Longitudinal muscle/myenteric plexus; DTG (1,3-di(2-tolyl)guanidine); Antipsychotic activity (Cambell, B.G. (205) 219)

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σ Receptors; Ileum (guinea-pig); Longitudinal muscle/myenteric plexus; Acetylcholine; DTG (1,3-di(2-tolyl)guanidine) (Cambell, B.G. (205) 219)

Antipsychotic drugs
A10 neurons; 5-HT_3 receptor antagonists; Dopamine unit activity; Schizophrenia; Zatosetron (Rasmussen, K. (205) 113)

Antipsychotics
[^{14}C]2-Deoxyglucose; Glucose utilization; Habenula; Org 5222; Basal thalamus (Room, P. (205) 233)

Aorta
Ca^{2+} channel antagonism; Relaxation; TC-81 (Okamiya, Y. (205) 49)

Apomorphine
Dopamine turnover; Ascorbate; Scopolamine; Striatum; (Rat) (Desole, M.S. (205) 97)

desArg^9-D-Arg[Hyp^3,Thi^5,D-Tic^7,Oic^8]bradykinin
Hoe140; Bradykinin receptor antagonists; Bradykinin B_1 receptors; Bradykinin B_2 receptors (Wirth, K. (205) 217)

Arteries (in vitro)
ANF (atrial natriuretic factor); NNC 70-0270; (Prolonged duration) (Weis, J. (205) 17)

Ascorbate
Dopamine turnover; Apomorphine; Scopolamine; Striatum; (Rat) (Desole, M.S. (205) 97)

Atipamezole
Forced swimming test; Open field; Plus-maze; Exploratory test (Kauppila, T. (205) 177)

Azelastine
Smooth muscle (airway); Ca^{2+}; Cell membranes; Endothelin (Senn, N. (205) 29)

Baclofen
$GABA_B$ receptor antagonists; Baclofen analogues (short-chain); Ileum (guinea-pig, isolated) (Ong, J. (205) 319)

Baclofen analogues (short-chain)
Baclofen; $GABA_B$ receptor antagonists; Ileum (guinea-pig, isolated) (Ong, J. (205) 319)

Basal thalamus
[^{14}C]2-Deoxyglucose; Antipsychotics; Glucose utilization; Habenula; Org 5222 (Room, P. (205) 233)

Batrachotoxin
Veratridine; Na^+ channels; Blood vessels; Smooth muscle; Contraction (Shinjoh, M. (205) 199)

Benzamides (substituted)
Small intestinal motility; 5-HT_3 receptors; 5-HT_4 receptors; Trendelenburg preparation (Buchheit, K.-H. (205) 203)

Benzodiazepine receptor subtypes
Benzodiazepines; β-Carbolines; Body temperature; (Inverse agonists) (Jackson, H.C. (205) 213)

Benzodiazepines
β-Carbolines; Benzodiazepine receptor subtypes; Body temperature; (Inverse agonists) (Jackson, H.C. (205) 213)

Bioactive enantiomers
(±)-Yuehchukene; Anti-implantation (Ho, D.-D. (205) 209)

Blood pressure
Naftopidil; Urapidil; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)-tetralin); Spiroxatrine; 5-HT_{1A} receptors; (Cat) (Borbe, H.O. (205) 105)

Blood vessels
Veratridine; Batrachotoxin; Na^+ channels; Smooth muscle; Contraction (Shinjoh, M. (205) 199)

Body temperature
Benzodiazepines; β-Carbolines; Benzodiazepine receptor subtypes; (Inverse agonists) (Jackson, H.C. (205) 213)

Bradykinin receptor antagonists
desArg^9-D-Arg[Hyp^3,Thi^5,D-Tic^7,Oic^8]bradykinin; Hoe140; Bradykinin B_1 receptors; Bradykinin B_2 receptors (Wirth, K. (205) 217)

Bradykinin B_1 receptors
desArg^9-D-Arg[Hyp^3,Thi^5,D-Tic^7,Oic^8]bradykinin; Hoe140; Bradykinin receptor antagonists; Bradykinin B_2 receptors (Wirth, K. (205) 217)

Bradykinin B_2 receptors
desArg^9-D-Arg[Hyp^3,Thi^5,D-Tic^7,Oic^8]bradykinin; Hoe140; Bradykinin receptor antagonists; Bradykinin B_1 receptors (Wirth, K. (205) 217)

Brain (mouse)
Pseudopeptide neurotensin analogues; Peptide bond (reduced, $\Psi(CH_2NH)$); Ileum (guinea-pig); Degradation (rat brain membranes) (Lugrin, D. (205) 191)

Butyrylcholinesterase
Trachea (canine); Smooth muscle; Acetylcholinesterase; BW 284C51; Tetraisopropylpyrophosphoramide (iso-OMPA) (Adler, M. (205) 73)

BW 284C51
Trachea (canine); Smooth muscle; Acetylcholinesterase; Butyrylcholinesterase; Tetraisopropylpyrophosphoramide (iso-OMPA) (Adler, M. (205) 73)

Ca^{2+}
Azelastine; Smooth muscle (airway); Cell membranes; Endothelin (Senn, N. (205) 29)

Ca^{2+} channel antagonism
Relaxation; Aorta; TC-81 (Okamiya, Y. (205) 49)

Carbamylcholine
Insulin secretion; Electrical activity; Muscarinic receptors; Acetyl-β-methylcholine (Sanchez-Andrés, J.V. (205) 89)

β-Carbolines
Benzodiazepines; Benzodiazepine receptor subtypes; Body temperature; (Inverse agonists) (Jackson, H.C. (205) 213)

Cardiomyopathy
β-Adrenoceptors; Congestive heart failure; Norepinephrine; Na^+,K^+-ATPase (Sullebarger, J.T. (205) 165)

Cell membranes
Azelastine; Smooth muscle (airway); Ca^{2+}; Endothelin (Senn, N. (205) 29)

Central cardiovascular regulation
Rostral ventrolateral medulla; Cholinergic mechanisms; Spontaneously hypertensive rat (SHR) (Lee, S.B. (205) 117)

Cerebral cortex
Dopamine; GABA (γ-aminobutyric acid); Dopamine–GABA interactions (Beauregard, M. (205) 225)

7-Chlorokynurenate
Glycine; Long-term potentiation; Dentate gyrus; (Anesthetized rats) (Mizutani, A. (205) 303)

Cholinergic mechanisms
Rostral ventrolateral medulla; Central cardiovascular regulation; Spontaneously hypertensive rat (SHR) (Lee, S.B. (205) 117)

Circulatory filling pressure (mean)
Neuropeptide (NPY); Venous tone; Ganglion blockers (Abdelrahman, A. (205) 253)

[^{3}H]Clonidine
Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); α_2-Adrenoceptors (brain); Mydriasis; Hypertension (Olmos, G. (205) 93)

Congestive heart failure
β-Adrenoceptors; Cardiomyopathy; Norepinephrine; Na^+,K^+-ATPase (Sullebarger, J.T. (205) 165)

Contraction
Veratridine; Batrachotoxin; Na^+ channels; Blood vessels; Smooth muscle (Shinjoh, M. (205) 199)

Cultured neurons
Adenosine; Vinpocetine; Hypoxia (Krieglstein, J. (205) 7)

Cycloheximide
Naftidrofuryl oxalate; 5-Hydroxytryptophan (5-HTP); Amnesia; Serotonergic neuronal systems; 5-HT_2 receptors (Nabeshima, T. (205) 55)

Degradation (rat brain membranes)
Pseudopeptide neurotensin analogues; Peptide bond (reduced, $\Psi(CH_2NH)$); Brain (mouse); Ileum (guinea-pig) (Lugrin, D. (205) 191)

Dentate gyrus
Glycine; Long-term potentiation; 7-Chlorokynurenate; (Anesthetized rats) (Mizutani, A. (205) 303)

[^{14}C]2-Deoxyglucose
Antipsychotics; Glucose utilization; Habenula; Org 5222; Basal thalamus (Room, P. (205) 233)

Dexamethasone
Nitrendipine; Verapamil; Gastric damage (by ethanol); Adrenalectomy; Vagotomy (Glavin, G.B. (205) 171)

Dextrorphan
MK-801; NMDA receptors; Passive avoidance behavior; Memory (long term) (Sierocinska, J. (205) 109)

Diltiazem
Tail artery; K^+; Norepinephrine; Phentolamine; Propranolol; Reserpine; (Rat) (Fouda, A.-K. (205) 63)

Dog
Endothelin; Endotoxin shock; Lipopolysaccharide (Nakamura, T. (205) 277)

Dopamine
Cerebral cortex; GABA (γ-aminobutyric acid); Dopamine–GABA interactions (Beauregard, M. (205) 225)

Dopamine autoreceptors
Striatal slices (rat); Methamphetamine (Yamada, S. (205) 43)
Locomotor activity; Dopamine metabolism; Drug tolerance; (+)-AJ76; (Rat); (Repeated administration) (Kullingsjö, H. (205) 241)

Dopamine–GABA interactions
Cerebral cortex; Dopamine; GABA (γ-aminobutyric acid) (Beauregard, M. (205) 225)

Dopamine metabolism
Dopamine autoreceptors; Locomotor activity; Drug tolerance; (+)-AJ76; (Rat); (Repeated administration) (Kullingsjö, H. (205) 241)

Dopamine turnover
Ascorbate; Apomorphine; Scopolamine; Striatum; (Rat) (Desole, M.S. (205) 97)

Dopamine unit activity
A10 neurons; 5-HT_3 receptor antagonists; Antipsychotic drugs; Schizophrenia; Zatosetron (Rasmussen, K. (205) 113)

Drug tolerance
Dopamine autoreceptors; Locomotor activity; Dopamine metabolism; (+)-AJ76; (Rat); (Repeated administration) (Kullingsjö, H. (205) 241)

DTG (1,3-di(2-tolyl)guanidine)
σ Receptors; Ileum (guinea-pig); Longitudinal muscle/myenteric plexus; Acetylcholine; Antipsychotic activity (Cambell, B.G. (205) 219)

Dynorphin
Antidepressants; Imipramine; Electroconvulsive shock; β-Adrenoceptors; 5-HT_2 receptors; Thyrotropin-releasing hormone (TRH) (Paul, I.A. (205) 135)

Electrical activity
Insulin secretion; Muscarinic receptors; Acetyl-β-methylcholine; Carbamylcholine (Sanchez-Andrés, J.V. (205) 89)

Electroconvulsive shock
Antidepressants; Imipramine; β-Adrenoceptors; 5-HT_2 receptors; Dynorphin; Thyrotropin-releasing hormone (TRH) (Paul, I.A. (205) 135)

Emodin
Vasorelaxation; Free radical (Huang, H.-C. (205) 289)

Endothelin
Azelastine; Smooth muscle (airway); Ca^{2+}; Cell membranes (Senn, N. (205) 29)

Endotoxin shock; Lipopolysaccharide; Dog (Nakamura, T. (205) 277)

Endothelium
Vasodilatation (nerve-induced); Nitric oxide (NO); Substance P; Microcirculation (Persson, M.G. (205) 295)

Endotoxin
SR 27417; PAF (platelet-activating factor, PAF-acether); Anaphylaxis; Shock (Herbert, J.M. (205) 271)

Endotoxin shock
Endothelin; Lipopolysaccharide; Dog (Nakamura, T. (205) 277)

Exploratory test
Atipamezole; Forced swimming test; Open field; Plus-maze (Kauppila, T. (205) 177)

FK409
Venous return; Nitrovasodilators; Open-chest dog (anesthetized) (Yamada, H. (205) 81)

Food deprivation
Adrenalectomy; Glucose (Jefferys, D. (205) 267)

Forced swimming test
Atipamezole; Open field; Plus-maze; Exploratory test (Kauppila, T. (205) 177)

Free radical
Emodin; Vasorelaxation (Huang, H.-C. (205) 289)

Furosemide
Loop diuretics; Torasemide; Anti-aldosteronergic action (Uchida, T. (205) 145)

GABA (γ-aminobutyric acid)
Cerebral cortex; Dopamine; Dopamine–GABA interactions (Beauregard, M. (205) 225)

$GABA_B$ receptor antagonists
Baclofen; Baclofen analogues (short-chain); Ileum (guinea-pig, isolated) (Ong, J. (205) 319)

Galanin
Insulin secretion; Pancreatic islets (Lindskog, S. (205) 21)

Ganglion blockers
Neuropeptide (NPY); Circulatory filling pressure (mean); Venous tone (Abdelrahman, A. (205) 253)

Gastric damage (by ethanol)
Nitrendipine; Verapamil; Adrenalectomy; Vagotomy; Dexamethasone (Glavin, G.B. (205) 171)

Gastric ulcer
Adenosine deaminase; Ranitidine; Sucralfate (Namiot, Z. (205) 101)

Glucocorticoids
Hemorrhagic hypotension; Opioid peptides (endogenous); Naloxone; RU 38486; Adrenalectomy (Eijgelshoven, M.H.J. (205) 183)

Glucose
Adrenalectomy; Food deprivation (Jefferys, D. (205) 267)

Glucose utilization
[^{14}C]2-Deoxyglucose; Antipsychotics; Habenula; Org 5222; Basal thalamus (Room, P. (205) 233)

Glutamic acid decarboxylase
γ-Aminobutyric acid; Acetylcholine; Oviduct (rat); Sexual steroids (Apud, J.A. (205) 315)

Glycine
Long-term potentiation; Dentate gyrus; 7-Chlorokynurenate; (Anesthetized rats) (Mizutani, A. (205) 303)

Habenula
[^{14}C]2-Deoxyglucose; Antipsychotics; Glucose utilization; Org 5222; Basal thalamus (Room, P. (205) 233)

Hemorrhagic hypotension
Opioid peptides (endogenous); Glucocorticoids; Naloxone; RU 38486; Adrenalectomy (Eijgelshoven, M.H.J. (205) 183)

Histamine H_3 receptors
Sleep; Wakefulness; (R)-α-Methylhistamine; Thioperamide (Monti, J.M. (205) 283)

Histamine H_3 receptors (presynaptic)
R-(−)-α-Methylhistamine; Sympathetic nerves; (Pithed rat) (Malinowska, B. (205) 307)

Hoe140
desArg^9-D-Arg[Hyp^3,Thi^5,D-Tic^7,Oic^8]bradykinin; Bradykinin receptor antagonists; Bradykinin B_1 receptors; Bradykinin B_2 receptors (Wirth, K. (205) 217)

5-HT_3 receptor antagonists
A10 neurons; Dopamine unit activity; Antipsychotic drugs; Schizophrenia; Zatosetron (Rasmussen, K. (205) 113)

5-HT_{1A} receptors
Naftopidil; Urapidil; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)-tetralin); Spiroxatrine; Blood pressure; (Cat) (Borbe, H.O. (205) 105)

5-HT_2 receptors
Naftidrofuryl oxalate; Cycloheximide; 5-Hydroxytryptophan (5-HTP); Amnesia; Serotonergic neuronal systems (Nabeshima, T. (205) 55)

Antidepressants; Imipramine; Electroconvulsive shock; β-Adrenoceptors; Dynorphin; Thyrotropin-releasing hormone (TRH) (Paul, I.A. (205) 135)

5-HT_3 receptors
Benzamides (substituted); Small intestinal motility; 5-HT_4 receptors; Trendelenburg preparation (Buchheit, K.-H. (205) 203)

5-HT_4 receptors
Benzamides (substituted); Small intestinal motility; 5-HT_3 receptors; Trendelenburg preparation (Buchheit, K.-H. (205) 203)

5-Hydroxytryptophan (5-HTP)
Naftidrofuryl oxalate; Cycloheximide; Amnesia; Serotonergic neuronal systems; 5-HT_2 receptors (Nabeshima, T. (205) 55)

Hypertension
Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); α_2-Adrenoceptors (brain); [^{3}H]Clonidine; Mydriasis (Olmos, G. (205) 93)

Hypoxia
Adenosine; Vinpocetine; Cultured neurons (Krieglstein, J. (205) 7)

Ileum (guinea-pig)
Pseudopeptide neurotensin analogues; Peptide bond (reduced, $\Psi(CH_2NH)$); Brain (mouse); Degradation (rat brain membranes) (Lugrin, D. (205) 191)

σ Receptors; Longitudinal muscle/myenteric plexus; Acetylcholine; DTG (1,3-di(2-tolyl)guanidine); Antipsychotic activity (Cambell, B.G. (205) 219)

α_{2A}-Adrenoceptors; α_{2B}-Adrenoceptors; Oxymetazoline; WB 4101; Prazosin; Acetylcholine release (Blandizzi, C. (205) 311)

Ileum (guinea-pig, isolated)
Baclofen; $GABA_B$ receptor antagonists; Baclofen analogues (short-chain) (Ong, J. (205) 319)

Imipramine
Antidepressants; Electroconvulsive shock; β-Adrenoceptors; 5-HT_2 receptors; Dynorphin; Thyrotropin-releasing hormone (TRH) (Paul, I.A. (205) 135)

Insulin secretion
Galanin; Pancreatic islets (Lindskog, S. (205) 21)

Electrical activity; Muscarinic receptors; Acetyl-β-methylcholine; Carbamylcholine (Sanchez-Andrés, J.V. (205) 89)

Intestinal circulation
α,β-Methylene ATP; P_2 purinoceptors; Vasoconstrictors (Taylor, E.M. (205) 35)

Intracerebroventricular
Antinociception; μ-Opioids; δ-Opioids; κ-Opioids; Synergy (Miaskowski, C. (205) 247)

K^+
Tail artery; Norepinephrine; Phentolamine; Propranolol; Reserpine; Diltiazem; (Rat) (Fouda, A.-K. (205) 63)

Leukotriene biosynthesis
5-Lipoxygenase inhibition; Zileuton; Peritoneal anaphylaxis model (rat); (In vivo activity) (Young, P.R. (205) 259)

Lipopolysaccharide
Endothelin; Endotoxin shock; Dog (Nakamura, T. (205) 277)

5-Lipoxygenase inhibition
Leukotriene biosynthesis; Zileuton; Peritoneal anaphylaxis model (rat); (In vivo activity) (Young, P.R. (205) 259)

Locomotor activity
Dopamine autoreceptors; Dopamine metabolism; Drug tolerance; (+)-AJ76; (Rat); (Repeated administration) (Kullingsjö, H. (205) 241)

Longitudinal muscle/myenteric plexus
σ Receptors; Ileum (guinea-pig); Acetylcholine; DTG (1,3-di(2-tolyl)guanidine); Antipsychotic activity (Cambell, B.G. (205) 219)

Long-term potentiation
Glycine; Dentate gyrus; 7-Chlorokynurenate; (Anesthetized rats) (Mizutani, A. (205) 303)

Loop diuretics
Torasemide; Furosemide; Anti-aldosteronergic action (Uchida, T. (205) 145)

Membrane potential
Anti-CD3 stimulation; T cells (non-responsive) (Aszalos, A. (205) 125)

Memory (long term)
Dextrorphan; MK-801; NMDA receptors; Passive avoidance behavior (Sierocinska, J. (205) 109)

Methamphetamine
Striatal slices (rat); Dopamine autoreceptors (Yamada, S. (205) 43)

α,β-Methylene ATP
P_2 purinoceptors; Intestinal circulation; Vasoconstrictors (Taylor, E.M. (205) 35)

(R)-α-Methylhistamine
Sleep; Wakefulness; Histamine H_3 receptors; Thioperamide (Monti, J.M. (205) 283)

R-(−)-α-Methylhistamine
Histamine H_3 receptors (presynaptic); Sympathetic nerves; (Pithed rat) (Malinowska, B. (205) 307)

Microcirculation
Vasodilatation (nerve-induced); Nitric oxide (NO); Endothelium; Substance P (Persson, M.G. (205) 295)

MK-801
Dextrorphan; NMDA receptors; Passive avoidance behavior; Memory (long term) (Sierocinska, J. (205) 109)

Muscarinic receptors
Insulin secretion; Electrical activity; Acetyl-β-methylcholine; Carbamylcholine (Sanchez-Andrés, J.V. (205) 89)

Mydriasis
Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); α_2-Adrenoceptors (brain); [^{3}H]Clonidine; Hypertension (Olmos, G. (205) 93)

Na^+ channels
Veratridine; Batrachotoxin; Blood vessels; Smooth muscle; Contraction (Shinjoh, M. (205) 199)

Naftidrofuryl oxalate
Cycloheximide; 5-Hydroxytryptophan (5-HTP); Amnesia; Serotonergic neuronal systems; 5-HT_2 receptors (Nabeshima, T. (205) 55)

Naftopidil
Urapidil; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Spiroxatrine; 5-HT_{1A} receptors; Blood pressure; (Cat) (Borbe, H.O. (205) 105)

Na^+,K^+-ATPase
β-Adrenoceptors; Congestive heart failure; Cardiomyopathy; Norepinephrine (Sullebarger, J.T. (205) 165)

Naloxone
Hemorrhagic hypotension; Opioid peptides (endogenous); Glucocorticoids; RU 38486; Adrenalectomy (Eijgelshoven, M.H.J. (205) 183)

Narcolepsy
α_1-Adrenoceptors; SDZ NVI-085; REM (rapid eye movement) sleep; (Subtype) (Renaud, A. (205) 11)

Neuropeptide (NPY)
Circulatory filling pressure (mean); Venous tone; Ganglion blockers (Abdelrahman, A. (205) 253)

Neurotransmitter release
Somatostatin analogues; Opioid receptor antagonists; Opioid receptors; Presynaptic inhibition (Mulder, A.H. (205) 1)

Nitrendipine
Verapamil; Gastric damage (by ethanol); Adrenalectomy; Vagotomy; Dexamethasone (Glavin, G.B. (205) 171)

Nitric oxide (NO)
Vasodilatation (nerve-induced); Endothelium; Substance P; Microcirculation (Persson, M.G. (205) 295)

Nitrovasodilators
FK409; Venous return; Open-chest dog (anesthetized) (Yamada, H. (205) 81)

NMDA receptors
Dextrorphan; MK-801; Passive avoidance behavior; Memory (long term) (Sierocinska, J. (205) 109)

NNC 70-0270
ANF (atrial natriuretic factor); Arteries (in vitro); (Prolonged duration) (Weis, J. (205) 17)

Norepinephrine
Tail artery; K^+; Phentolamine; Propranolol; Reserpine; Diltiazem; (Rat) (Fouda, A.-K. (205) 63)

β-Adrenoceptors; Congestive heart failure; Cardiomyopathy; Na^+,K^+-ATPase (Sullebarger, J.T. (205) 165)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
Naftopidil; Urapidil; Spiroxatrine; 5-HT_{1A} receptors; Blood pressure; (Cat) (Borbe, H.O. (205) 105)

Open-chest dog (anesthetized)
FK409; Venous return; Nitrovasodilators (Yamada, H. (205) 81)

Open field
Atipamezole; Forced swimming test; Plus-maze; Exploratory test (Kauppila, T. (205) 177)

Opioid peptides (endogenous)
Hemorrhagic hypotension; Glucocorticoids; Naloxone; RU 38486; Adrenalectomy (Eijgelshoven, M.H.J. (205) 183)

Opioid receptor antagonists
Somatostatin analogues; Opioid receptors; Neurotransmitter release; Presynaptic inhibition (Mulder, A.H. (205) 1)

Opioid receptors
Somatostatin analogues; Opioid receptor antagonists; Neurotransmitter release; Presynaptic inhibition (Mulder, A.H. (205) 1)

Opioids
Place conditioning; Pertussis toxin; Reinforcement (Suzuki, T. (205) 85)

δ-Opioids
Antinociception; μ-Opioids; κ-Opioids; Intracerebroventricular; Synergy (Miaskowski, C. (205) 247)

κ-Opioids
Antinociception; μ-Opioids; δ-Opioids; Intracerebroventricular; Synergy (Miaskowski, C. (205) 247)

μ-Opioids
Antinociception; δ-Opioids; κ-Opioids; Intracerebroventricular; Synergy (Miaskowski, C. (205) 247)

Org 5222
[^{14}C]2-Deoxyglucose; Antipsychotics; Glucose utilization; Habenula; Basal thalamus (Room, P. (205) 233)

Oviduct (rat)
γ-Aminobutyric acid; Glutamic acid decarboxylase; Acetylcholine; Sexual steroids (Apud, J.A. (205) 315)

Oxymetazoline
α_{2A}-Adrenoceptors; α_{2B}-Adrenoceptors; WB 4101; Prazosin; Acetylcholine release; Ileum (guinea-pig) (Blandizzi, C. (205) 311)

PAF antagonists
PAF (platelet-activating factor, PAF-acether); Vasorelaxation; Platelets (rabbit); Thoracic aorta (rat) (Teng, C.-M. (205) 151)

PAF (platelet-activating factor, PAF-acether)
PAF antagonists; Vasorelaxation; Platelets (rabbit); Thoracic aorta (rat) (Teng, C.-M. (205) 151)

SR 27417; Anaphylaxis; Endotoxin; Shock (Herbert, J.M. (205) 271)

Pancreatic islets
Galanin; Insulin secretion (Lindskog, S. (205) 21)

Passive avoidance behavior
Dextrorphan; MK-801; NMDA receptors; Memory (long term) (Sierocinska, J. (205) 109)

Peptide bond (reduced, $\Psi(CH_2NH)$)
Pseudopeptide neurotensin analogues; Brain (mouse); Ileum (guinea-pig); Degradation (rat brain membranes) (Lugrin, D. (205) 191)

Peritoneal anaphylaxis model (rat)
Leukotriene biosynthesis; 5-Lipoxygenase inhibition; Zileuton; (In vivo activity) (Young, P.R. (205) 259)

Pertussis toxin
Place conditioning; Opioids; Reinforcement (Suzuki, T. (205) 85)

Phentolamine
Tail artery; K^+; Norepinephrine; Propranolol; Reserpine; Diltiazem; (Rat) (Fouda, A.-K. (205) 63)

Place conditioning
Opioids; Pertussis toxin; Reinforcement (Suzuki, T. (205) 85)

Platelets (rabbit)
PAF (platelet-activating factor, PAF-acether); PAF antagonists; Vasorelaxation; Thoracic aorta (rat) (Teng, C.-M. (205) 151)

Plus-maze
Atipamezole; Forced swimming test; Open field; Exploratory test (Kauppila, T. (205) 177)

P_2 purinoceptors
α,β-Methylene ATP; Intestinal circulation; Vasoconstrictors (Taylor, E.M. (205) 35)

Prazosin
α_{2A}-Adrenoceptors; α_{2B}-Adrenoceptors; Oxymetazoline; WB 4101; Acetylcholine release; Ileum (guinea-pig) (Blandizzi, C. (205) 311)

Presynaptic inhibition
Somatostatin analogues; Opioid receptor antagonists; Opioid receptors; Neurotransmitter release (Mulder, A.H. (205) 1)

Prolyl endopeptidase
Protease inhibitors; Scopolamine (Atack, J.R. (205) 157)

Propranolol
Tail artery; K^+; Norepinephrine; Phentolamine; Reserpine; Diltiazem; (Rat) (Fouda, A.-K. (205) 63)

Protease inhibitors
Prolyl endopeptidase; Scopolamine (Atack, J.R. (205) 157)

Pseudopeptide neurotensin analogues
Peptide bond (reduced, $\Psi(CH_2NH)$); Brain (mouse); Ileum (guinea-pig); Degradation (rat brain membranes) (Lugrin, D. (205) 191)

Ranitidine
Adenosine deaminase; Gastric ulcer; Sucralfate (Namiot, Z. (205) 101)

σ Receptors
Ileum (guinea-pig); Longitudinal muscle/myenteric plexus; Acetylcholine; DTG (1,3-di(2-tolyl)guanidine); Antipsychotic activity (Cambell, B.G. (205) 219)

Reinforcement
Place conditioning; Opioids; Pertussis toxin (Suzuki, T. (205) 85)

Relaxation
Ca^{2+} channel antagonism; Aorta; TC-81 (Okamiya, Y. (205) 49)

REM (rapid eye movement) sleep
α_1-Adrenoceptors; SDZ NVI-085; Narcolepsy; (Subtype) (Renaud, A. (205) 11)

Reserpine
Tail artery; K^+; Norepinephrine; Phentolamine; Propranolol; Diltiazem; (Rat) (Fouda, A.-K. (205) 63)

Rostral ventrolateral medulla
Central cardiovascular regulation; Cholinergic mechanisms; Spontaneously hypertensive rat (SHR) (Lee, S.B. (205) 117)

RU 38486
Hemorrhagic hypotension; Opioid peptides (endogenous); Glucocorticoids; Naloxone; Adrenalectomy (Eijgelshoven, M.H.J. (205) 183)

Schizophrenia
A10 neurons; 5-HT_3 receptor antagonists; Dopamine unit activity; Antipsychotic drugs; Zatosetron (Rasmussen, K. (205) 113)

Scopolamine
Dopamine turnover; Ascorbate; Apomorphine; Striatum; (Rat) (Desole, M.S. (205) 97)

Prolyl endopeptidase; Protease inhibitors (Atack, J.R. (205) 157)

SDZ NVI-085
α_1-Adrenoceptors; Narcolepsy; REM (rapid eye movement) sleep; (Subtype) (Renaud, A. (205) 11)

Serotonergic neuronal systems
Naftidrofuryl oxalate; Cycloheximide; 5-Hydroxytryptophan (5-HTP); Amnesia; 5-HT_2 receptors (Nabeshima, T. (205) 55)

Sexual steroids
γ-Aminobutyric acid; Glutamic acid decarboxylase; Acetylcholine; Oviduct (rat) (Apud, J.A. (205) 315)

Shock
SR 27417; PAF (platelet-activating factor, PAF-acether); Anaphylaxis; Endotoxin (Herbert, J.M. (205) 271)

Sleep
Wakefulness; Histamine H_3 receptors; (R)-α-Methylhistamine; Thioperamide (Monti, J.M. (205) 283)

Small intestinal motility
Benzamides (substituted); 5-HT_3 receptors; 5-HT_4 receptors; Trendelenburg preparation (Buchheit, K.-H. (205) 203)

Smooth muscle
Trachea (canine); Acetylcholinesterase; Butyrylcholinesterase; BW 284C51; Tetraisopropylpyrophosphoramide (iso-OMPA) (Adler, M. (205) 73)

Veratridine; Batrachotoxin; Na^+ channels; Blood vessels; Contraction (Shinjoh, M. (205) 199)

Smooth muscle (airway)
Azelastine; Ca^{2+}; Cell membranes; Endothelin (Senn, N. (205) 29)

Somatostatin analogues
Opioid receptor antagonists; Opioid receptors; Neurotransmitter release; Presynaptic inhibition (Mulder, A.H. (205) 1)

Spiroxatrine
Naftopidil; Urapidil; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)-tetralin); 5-HT_{1A} receptors; Blood pressure; (Cat) (Borbe, H.O. (205) 105)

Spontaneously hypertensive rat (SHR)
Wistar-Kyoto rats (WKY); α_2-Adrenoceptors (brain); [^{3}H]Clonidine; Mydriasis; Hypertension (Olmos, G. (205) 93)

Rostral ventrolateral medulla; Central cardiovascular regulation; Cholinergic mechanisms (Lee, S.B. (205) 117)

SR 27417
PAF (platelet-activating factor, PAF-acether); Anaphylaxis; Endotoxin; Shock (Herbert, J.M. (205) 271)

Striatal slices (rat)
Methamphetamine; Dopamine autoreceptors (Yamada, S. (205) 43)

Striatum
Dopamine turnover; Ascorbate; Apomorphine; Scopolamine; (Rat) (Desole, M.S. (205) 97)

Substance P
Vasodilatation (nerve-induced); Nitric oxide (NO); Endothelium; Microcirculation (Persson, M.G. (205) 295)

Sucralfate
Adenosine deaminase; Gastric ulcer; Ranitidine (Namiot, Z. (205) 101)

Sympathetic nerves
Histamine H_3 receptors (presynaptic); R-(−)-α-Methylhistamine; (Pithed rat) (Malinowska, B. (205) 307)

Synergy
Antinociception; μ-Opioids; δ-Opioids; κ-Opioids; Intracerebroventricular (Miaskowski, C. (205) 247)

Tail artery
K^+; Norepinephrine; Phentolamine; Propranolol; Reserpine; Diltiazem; (Rat) (Fouda, A.-K. (205) 63)

TC-81
Ca^{2+} channel antagonism; Relaxation; Aorta (Okamiya, Y. (205) 49)

T cells (non-responsive)
Anti-CD3 stimulation; Membrane potential (Aszalos, A. (205) 125)

Tetraisopropylpyrophosphoramide (iso-OMPA)
Trachea (canine); Smooth muscle; Acetylcholinesterase; Butyrylcholinesterase; BW 284C51 (Adler, M. (205) 73)

Thioperamide
Sleep; Wakefulness; Histamine H_3 receptors; (R)-α-Methylhistamine (Monti, J.M. (205) 283)

Thoracic aorta (rat)
PAF (platelet-activating factor, PAF-acether); PAF antagonists; Vasorelaxation; Platelets (rabbit) (Teng, C.-M. (205) 151)

Thyrotropin-releasing hormone (TRH)
Antidepressants; Imipramine; Electroconvulsive shock; β-Adrenoceptors; 5-HT_2 receptors; Dynorphin (Paul, I.A. (205) 135)

Torasemide
Loop diuretics; Furosemide; Anti-aldosteronergic action (Uchida, T. (205) 145)

Trachea (canine)
Smooth muscle; Acetylcholinesterase; Butyrylcholinesterase; BW 284C51; Tetraisopropylpyrophosphoramide (iso-OMPA) (Adler, M. (205) 73)

Trendelenburg preparation
Benzamides (substituted); Small intestinal motility; 5-HT_3 receptors; 5-HT_4 receptors (Buchheit, K.-H. (205) 203)

Urapidil
Naftopidil; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Spiroxatrine; 5-HT_{1A} receptors; Blood pressure; (Cat) (Borbe, H.O. (205) 105)

Vagotomy
Nitrendipine; Verapamil; Gastric damage (by ethanol); Adrenalectomy; Dexamethasone (Glavin, G.B. (205) 171)

Vasoconstrictors
α,β-Methylene ATP; P_2 purinoceptors; Intestinal circulation (Taylor, E.M. (205) 35)

Vasodilatation (nerve-induced)
Nitric oxide (NO); Endothelium; Substance P; Microcirculation (Persson, M.G. (205) 295)

Vasorelaxation
PAF (platelet-activating factor, PAF-acether); PAF antagonists; Platelets (rabbit); Thoracic aorta (rat) (Teng, C.-M. (205) 151)

Emodin; Free radical (Huang, H.-C. (205) 289)

Venous return
FK409; Nitrovasodilators; Open-chest dog (anesthetized) (Yamada, H. (205) 81)

Venous tone
Neuropeptide (NPY); Circulatory filling pressure (mean); Ganglion blockers (Abdelrahman, A. (205) 253)

Verapamil
Nitrendipine; Gastric damage (by ethanol); Adrenalectomy; Vagotomy; Dexamethasone (Glavin, G.B. (205) 171)

Veratridine
Batrachotoxin; Na^+ channels; Blood vessels; Smooth muscle; Contraction (Shinjoh, M. (205) 199)

Vinpocetine
Adenosine; Hypoxia; Cultured neurons (Krieglstein, J. (205) 7)

Wakefulness
Sleep; Histamine H_3 receptors; (R)-α-Methylhistamine; Thioperamide (Monti, J.M. (205) 283)

WB 4101
α_{2A}-Adrenoceptors; α_{2B}-Adrenoceptors; Oxymetazoline; Prazosin; Acetylcholine release; Ileum (guinea-pig) (Blandizzi, C. (205) 311)

Wistar-Kyoto rats (WKY)
Spontaneously hypertensive rats (SHR); α_2-Adrenoceptors (brain); [^{3}H]Clonidine; Mydriasis; Hypertension (Olmos, G. (205) 93)

(±)-Yuehchukene
Anti-implantation; Bioactive enantiomers (Ho, D.-D. (205) 209)

Zatosetron
A10 neurons; 5-HT_3 receptor antagonists; Dopamine unit activity; Antipsychotic drugs; Schizophrenia (Rasmussen, K. (205) 113)

Zileuton
Leukotriene biosynthesis; 5-Lipoxygenase inhibition; Peritoneal anaphylaxis model (rat); (In vivo activity) (Young, P.R. (205) 259)